XXIII. *Extract of Meteorological Observations made at* Hawkhill, *near* Edinburgh. *By* John M'Gouan. *Communicated by Sir* John Pringle, *Bart. P.R.S.*

Read February 26, 1778.

Lat. 55°. 58′. } Long. 12′. 42″. in time, per
Long. 3°. 10½′.W. } Astronomical Observations.

Fahrenheit's Thermometer.

1773.					1774.		
Months	1st and 2d half	at 8 h.	A. M.	at 2 h. P. M.	at 8 h.	A	at 2 h. P. M.
January	1	39.06	38.56	40.30	28.46	29.10	33.00
	2	38.06			29.75		
February	1	32.14	35.07	40.75	34.14	36.21	40.43
	2	38.00			38.28		
March	1	40.46	42.06	48.45	34.06	37.12	43.26
	2	43.66			40.18		
April	1	42.40	45.60	51.10	43.13	43.13	48.90
	2	48.80			43.13		
May	1	44.33	48.57	53.13	46.73	46.61	50.84
	2	52.81			46.50		
June	1	54.13	55.19	60.06	54.80	55.10	59.70
	2	56.26			55.40		
July	1	56.33	57.70	61.93	57.40	57.45	63.32
	2	59.06			57.50		
Auguſt	1	60.40	58.26	64.77	58.13	57.25	62.21
	2	56.12			56.37		
September	1	53.26	51.29	55.83	52.40	51.70	57.80
	2	49.33			51.00		
October	1	47.20	46.03	50.67	51.06	48.28	52.84
	2	44.87			45.50		
November	1	41.53	38.23	42.33	40.63	38.06	42.00
	2	34.93			35.50		
December	1	35.60	36.42	38.48	37.40	37.32	39.97
	2	37.25			37.25		
Mediums of years at	8 h. A. M. and 2 h. P. M.		46.08			44.86	
				50.65			49.55

1775.

Months.	1775. 1ſt and 2d half	at 8 h.	A. M.	at 2 h. P. M.	1776. at 8 h.	A. M.
January	1	39.10	37.80	40.80	33.33	29.24½
	2	36.50			25.16	
February	1	37.64	39.07	43.96	36.32	35.66
	2	40.50			35.00	
March	1	39.80	40.05	44.32	37.60	40.86
	2	40.31			44.12	
April	1	44.83	46.83	53.35	43.60	45.90
	2	48.83			48 20	
May	1	52.60	52.74	59.61	47.36	49 29
	2	52.88			51.22	
June	1	55.66	56.60	60.43	55.00	55.50
	2	57.53			56.00	
July	1	58.20	59.13	67.53	58.16	59.36
	2	60.06			60.56	
Auguſt	1	59.10	57.65	63.67	58.60	56.73
	2	56.21			54.86	
September	1	53.20	53.26	58.87	55.00	51.80
	2	53.33			48.60	
October	1	48.86	45.30	50.22	48.60	46.99
	2	41.75			45.38	
November	1	38.00	37.96	41.10	45.80	40.97
	2	37.93			36.13	
December	1	41.16	38.58	41.48	42.54	37.77
	2	36.00			33.00	
Mediums of years at	8 h. A. M. and 2 h. P. M.		47.08	52.11		45.84

Depth

Depth of rain at Hawkhill, near Edinburgh, in perpendicular inches, for the year 1776.

	Inches
January — — —	3.262
February — — —	2.355
March — — —	1.465
April — — —	1.213
May — — —	.626
June — — —	2.367
July — — —	3.075
Auguſt — — —	2.410
September — — —	2.755
October — — —	1.735
November — — —	2.750
December — — —	2.080
Total rain	26.093